

Amendments to the Claims:

This claim listing will replace all prior versions and listings of claims in the application:

Claim Listing:

1. (Previously Amended) A method of inhibiting expression of MDM2 in a mammal, the method comprising administering to the mammal an effective MDM2-expression inhibiting amount of an anti-MDM2 antisense oligonucleotide, wherein said antisense oligonucleotide comprises from about 8 to about 50 nucleotides that inhibits MDM2 protein expression, said oligonucleotide binding to *mdm2*-encoding RNA and being complementary to a sequence that overlaps by at least one nucleotide a sequence within the *mdm2* RNA, which sequence within the *mdm2* RNA is selected from the group consisting of SEQ ID NOS: 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24.
2. (Original) The method according to claim 1 comprising co-administering a cancer chemotherapeutic agent.
3. (Original) The method according to claim 2, wherein the cancer therapeutic agent is 10-hydorxycamptothecin, adriamycin, or 5-fluorouracil.
4. (Original) The method according to claim 1 comprising co-treating the mammal with anti-cancer levels of radiation.
5. (Previously Amended) A method of inhibiting cancer *in vivo*, the method comprising administering a cancer-inhibiting amount of an anti-MDM2 antisense oligonucleotide, wherein the cancer involves over expression of MDM2, wherein said antisense oligonucleotide comprises from about 8 to about 50 nucleotides that inhibits MDM2 protein expression, said oligonucleotide binding to *mdm2*-encoding RNA and being complementary to a sequence that overlaps by at least one nucleotide a sequence within the *mdm2* RNA, which sequence within the *mdm2* RNA is selected from the group consisting of SEQ ID NOS: 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24.

6. (Original) The method according to claim 5, wherein the cancer is selected from the group consisting of osteosarcoma, soft tissue sarcoma, breast cancer, ovarian cancer, cervical cancer, oral squamous cell carcinoma, brain tumor, esophageal cancer, colorectal carcinoma, bladder cancer, urithelial carcinoma, leukemia, and large B cell lymphoma.
7. (Original) The method according to claim 5 comprising co-administering an effective cancer-treating amount of a cancer chemotherapeutic agent.
8. (Original) The method according to claim 7, wherein the cancer chemotherapeutic agent is 10-hydorxycamptothecin, adriamycin, or 5-fluorouracil.
9. (Original) The method according to claim 5 comprising co-treating the mammal with anti-cancer levels of radiation.
10. (Previously Amended) A method of increasing p53 concentration, the method comprising administering to the cell or to an animal comprising the cell an effective MDM2-expression inhibiting amount of an anti-MDM2 antisense oligonucleotide, wherein said antisense oligonucleotide comprises from about 8 to about 50 nucleotides that inhibits MDM2 protein expression, said oligonucleotide binding to mdm2-encoding RNA and being complementary to a sequence that overlaps by at least one nucleotide a sequence within the mdm2 RNA, which sequence within the mdm2 RNA is selected from the group consisting of SEQ ID NOS: 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24.
11. (Original) The method according to claim 10 comprising co-administering a cancer chemotherapeutic agent.
12. (Original) The method according to claim 11, wherein the cancer chemotherapeutic agent is 10-hydorxycamptothecin, adriamycin, or 5-fluorouracil.

13. (Original) The method according to claim 10 comprising co-treating the mammal with anti-cancer levels of radiation.
14. (Cancelled)
15. (Cancelled)
16. (Previously Amended) The method according to claims 1, 5 or 10, wherein the antisense oligonucleotide has a nucleotide base sequence as set forth in Sequence Listing as SEQ ID NO:28.
17. (Previously Amended) The method according to claims 1, 5 or 10, wherein the antisense oligonucleotide has a nucleotide base sequence set forth in Sequence Listing as SEQ ID NO:36.
18. (Previously Amended) The method according to claims 1, 5 or 10, wherein the antisense oligonucleotide has a nucleotide base sequence set forth in Sequence Listing as SEQ ID NO:27, 28, 29, 30, 31, 32, 33, and 34.
19. (Previously Amended) The method according to claims 1, 5 or 10, wherein the antisense oligonucleotide has a nucleotide base sequence set forth in Sequence Listing as SEQ ID NO:35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, and 46.
20. (Previously Amended) The method according to claims 1, 5 or 10, wherein the oligonucleotide has at least one internucleotide linkage selected from the group consisting of phosphorothioate, phosphorodithioate, alkylphosphonate, alkylphosphonothioate, phosphotriester, phosphoramidate, siloxane, carbonate, carboxymethylene ester, acetamide, carbamate, thioether, bridged phosphoramidate, bridged methylene phosphonate, bridged phosphorothioate, and sulfone internucleotide linkages.
21. (Cancelled)

22. (Original) The method according to claim 20, wherein the antisense oligonucleotide comprises an RNase H activating segment of four or more consecutive phosphodiester and/or phosphorothioate internucleotide linkages.
23. (Cancelled)
24. (Original) The method according to claim 22, wherein RNase H activating segment is flanked on both sides by a segment of two or more nucleotides that are modified to increase nuclease resistance and/or target hybridization affinity.
25. (Cancelled)
26. (Original) The method according to claim 24, wherein the nucleotides of the segments of 2 or more nucleotides are 2'-substituted ribonucleotides.
27. (Cancelled)
28. (Original) The method according to claim 26, wherein the 2'-substituted nucleotides are substituted at their 2' position with methoxy or methoxyethoxy.
29. (Cancelled)